

# Product Datasheet

## Collagen II Antibody (5B2.5) [Janelia Fluor® 646] NB600-844JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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**NB600-844JF646**

Collagen II Antibody (5B2.5) [Janelia Fluor® 646]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Clone                       | 5B2.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG2a Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | Janelia Fluor 646                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene ID                     | 1280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | COL2A1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Species                     | Human, Mouse, Rat, Chicken, Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reactivity Notes            | Use in Rabbit reported in scientific literature (PMID:35441114).Rat reactivity reported in scientific literature (PMID: 24349545). Rabbit reactivity reported in scientific literature (PMID: 15621244). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. Rabbit reactivity reported in scientific literature (PMID:33120203). |
| Immunogen                   | A purified preparation of lathyritic type II collagen from embryonic chicken sternum                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                               |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen                                                                                                                                                                                                                                                                                                                                                                               |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                                                |



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**Products Related to NB600-844JF646**

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|                 |                                                              |
|-----------------|--------------------------------------------------------------|
| NBP1-96981JF646 | Mouse IgG2a Kappa Isotype Control (M2AK) [Janelia Fluor 646] |
| NBP1-97243      | Collagen II Native Protein                                   |
| 210-TA-005      | TNF-alpha [Unconjugated]                                     |
| DY7589-05       | Collagen II [Biotin]                                         |

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**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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